AMENDMENTS TO THE SPECIFICATION:

On line 12 on page 19, insert the following paragraph immediately preceding the subtitle "Software Product Embodiments" and following the paragraph ending in "… improve linear algebra processing", as follows:

In a preferred embodiment of the claimed invention, the present invention can be

combined with the method described in the third of the above-listed co-pending applications,

wherein the pre-fetching of the present invention is based upon the non-standard pseudo

matrix data structure and crisscrossing loading pattern described in that co-pending

application. Moreover, the non-standard format used for memory data storage can allow the

data, as streamed in the present invention, to be streamed into the optimal streaming

described in the seventh of the above-listed co-pending applications.